To: Stan Kaczmarek[StanK@demaximis.com]
Cc: Hoppe, Michael[Hoppe.Michael@epa.gov]
From: Vaughn, Stephanie
Sent: Fri 8/9/2013 2:42:19 PM
Subject: WQMP....

Hi Stan,

Below is a suggested format for the weekly WQMP report that will be prepared for our review/consideration. This report should include more information than is included on the external website.

Feel free to let me know if you have any questions or comments on this suggested format.

Thanks,
Stephanie

(1) Summary tables showing the daily averages[standard deviation] for each tidal stage for each work day, including at Buoy #5. For example:

Monday Time of Day	Flood Tide 1	Ebb Tide 1	Flood Tide 2	Ebb Tide 2	Notes No dredging from X:15 to Z:30
Buoy #1	Avg[stddev]				
Buoy #2					
Buoy #3					
Buoy #4					
Buoy #5					

(2) The 1-hour rolling average figure currently in the online report works fine as a summary. Consider varying the y-axis scale with the magnitude of the measured turbidity values. For example, if the y-axis for the Aug 3 summary figure had a maximum value of 50 NTU, it will be

easier to view and evaluate the data.

(3) Any atypical conditions should be documented if they occur: elevated currents/flows, large precipitation events, etc.

(4) If the Trigger/Action Levels are exceeded, the report should include a separate section showing the data (in detail) and explaining the CPG management actions taken in response. The presented data (tables or figure) should include a few 15-minute monitoring intervals before the "exceedance event", the "exceedance event" data, and the post-event data showing the effectiveness of the management actions. The management actions implemented, and when they were implemented, should be documented.

And a couple of questions:

- How frequently are the turbidity monitors being calibrated? Include calibration information in the report.

- As we've discussed, the Buoy #1, #3, and #4 rolling 1-hour averages have been low and show little variability, but the Buoy #2 1-hour rolling averages have been higher with much more variability. Any ideas what's causing this?